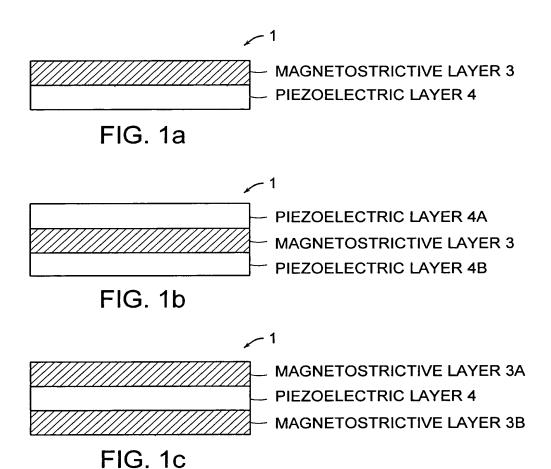


Title: PASSIVE MAGNETIC FIELD SENSORS ...

Inventors: Yi-Qun Li, et al.

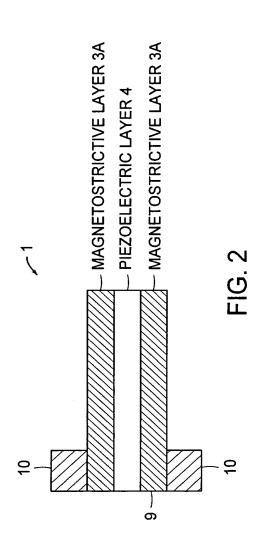
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Title: PASSIVE MAGNETIC FIELD SENSORS ...

Inventors: Yi-Qun Li, et al.

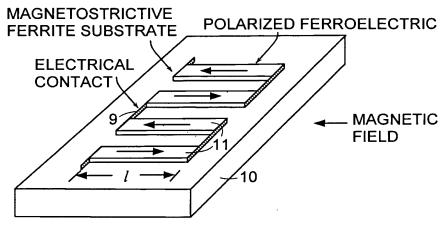
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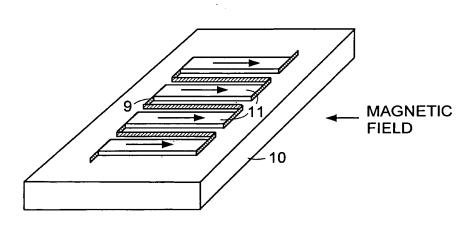
Title: PASSIVE MAGNETIC FIELD SENSORS ...

Inventors: Yi-Qun Li, et al.

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ANTIPARALLEL POLARIZATION FIG. 3a



PARALLEL POLARIZATION FIG. 3b

Replacement Sheet 4/18 12 PEIZOELECTRIC OR **MAGNETOSTRICTIVE FIBERS** FIG. 4a 410 403 401 12 PEIZOELECTRIC OR 402 **MAGNETOSTRICTIVE FIBERS** 404 MAGNETOSTRICTIVE OR 403 MAGNETOSTRICTIVE MATRIX 405 FIG. 4b 413 **MAGNETIC** FIELD H PIEZOELECTRIC FIBER IN MAGNETOSTRICTIVE **MATRIX** MAGNETOSTRICTIVE **PIEZOVOLTAGE** FIBER IN PIEZOELECTRIC **MATRIX** FIG. 4c 15 **MAGNETIC** FIELD H PIEZOVOLTAGE FIG. 4d

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Inventors:

Title: PASSIVE MAGNETIC FIELD SENSORS ...

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Yi-Qun Li, et al. Inventors:

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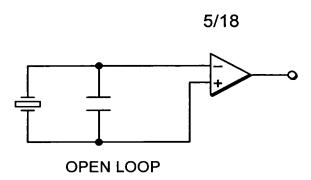
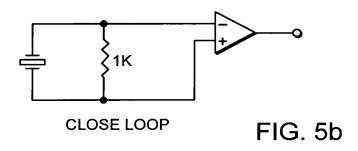
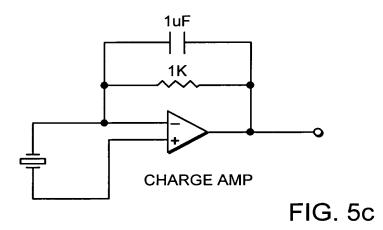
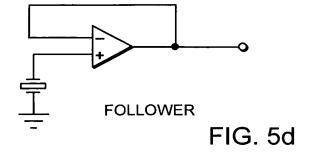


FIG. 5a







Docket/Appl'n No.: 09/542,346 Title: PASSIVE MAGNETIC FIELD SENSORS ... Yi-Qun Li, et al. Inventors: Replacement Sheet 6/18 RECORDING TRACK FIG. 6c SHIELD P27 PIEZO PASSIVE PIEZOELECTRIC READ HEAD 24 READ SENSOR WRITE GAP SOFT MAGNETIC LAYERS
/ PIEZO (22 16 FIG. 6b SHIELD //// 5 7 **PIEZO** READ SENSOR FIG. 6a 7

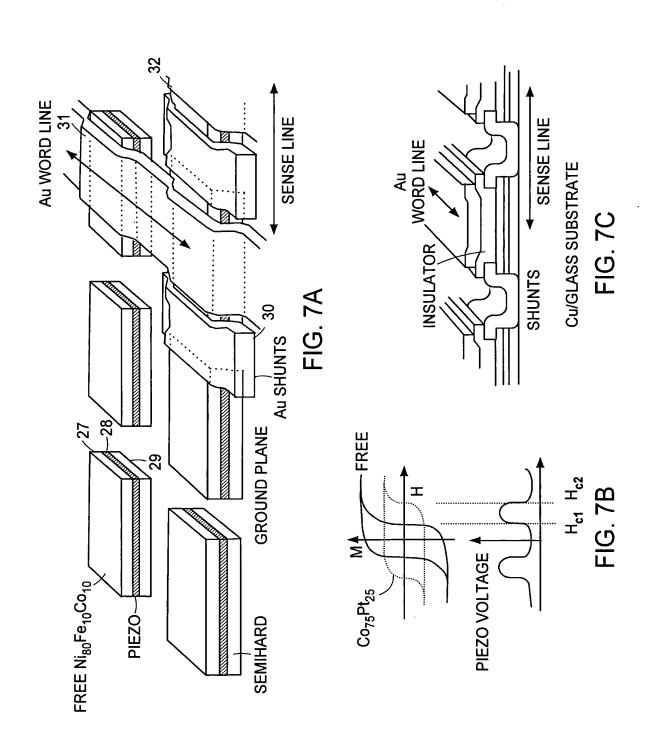
SHIELD

PIEZO

Docket/Appl'n No.: 09/542,346 Title: PASSIVE MAGNETIC FIELD SENSORS ... Inventors: Yi-Qun Li, et al.

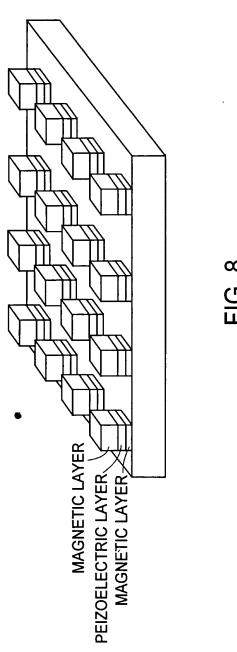
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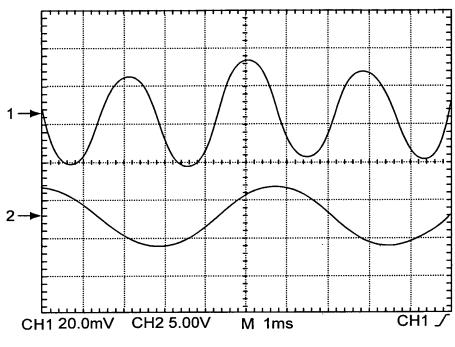
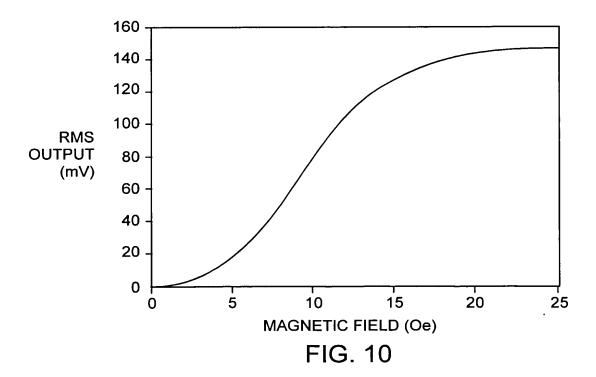
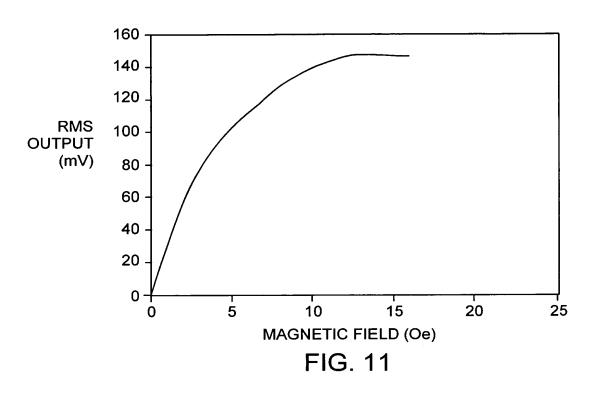


FIG. 9



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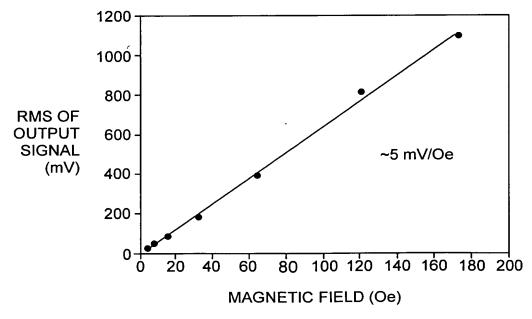
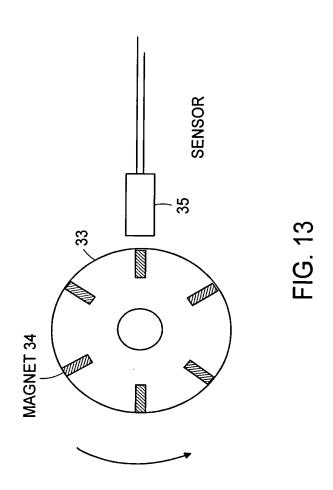


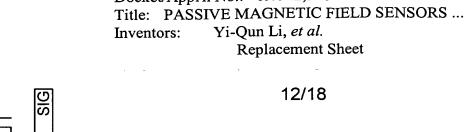
FIG. 12

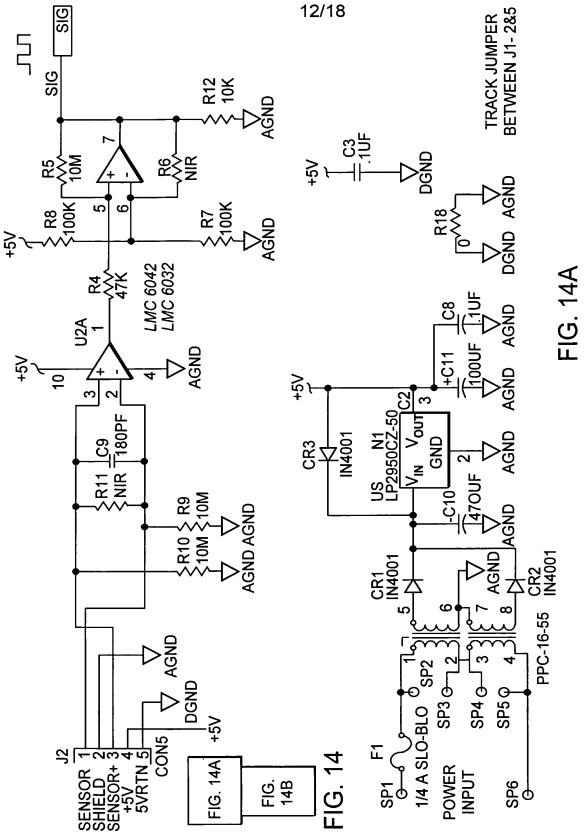
Inventors:

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Replacement Sheet

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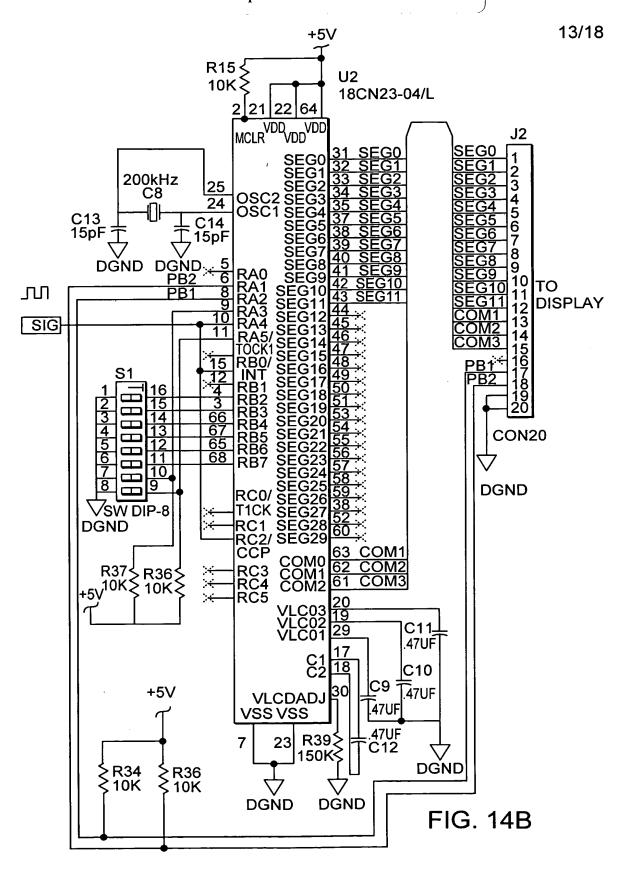




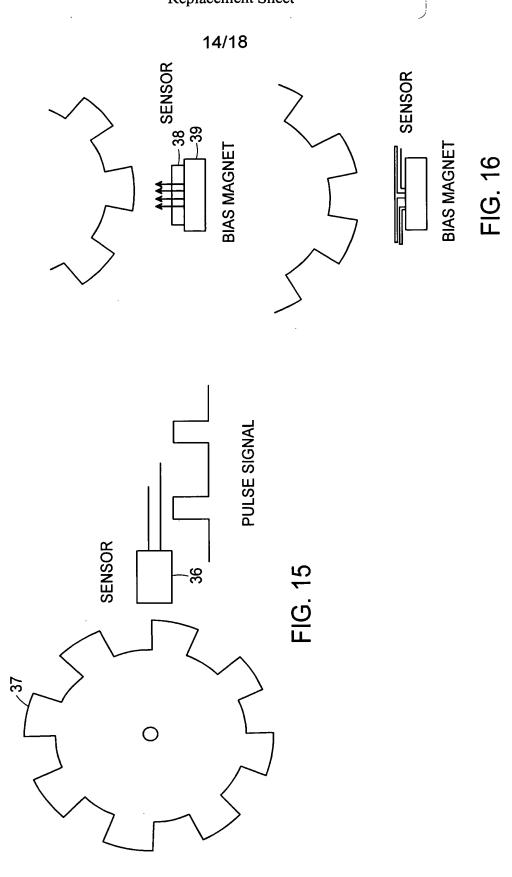
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Inventors:

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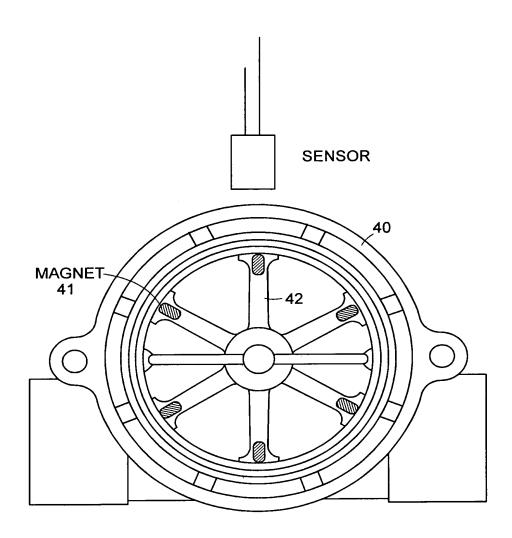


FIG. 17

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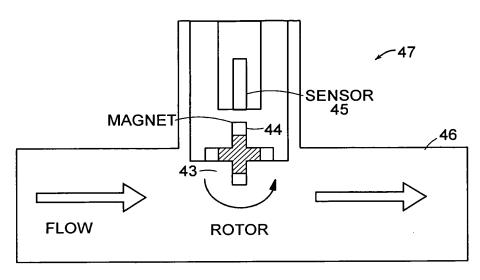
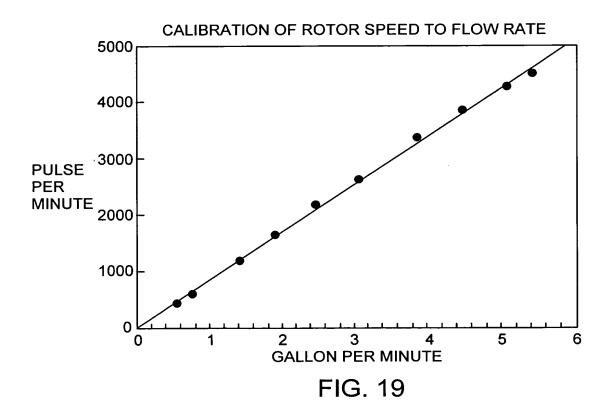
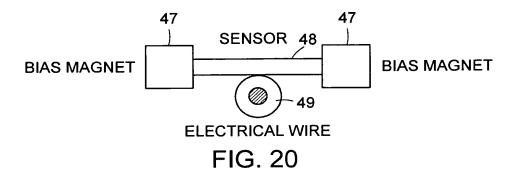


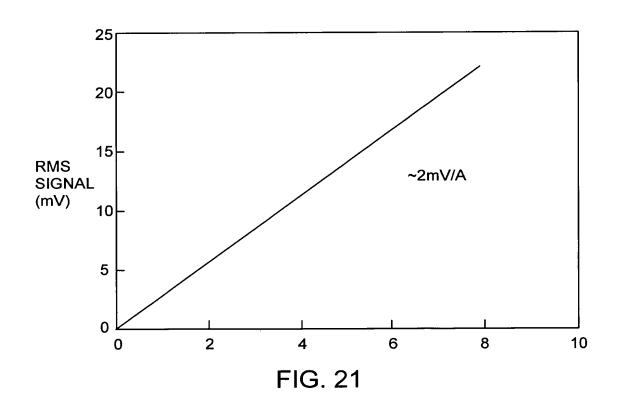
FIG. 18



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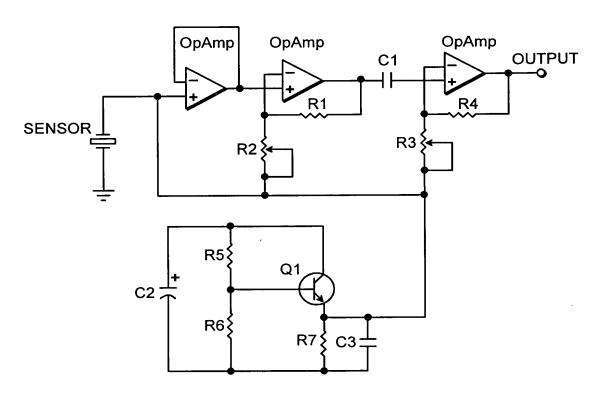


FIG. 22